

Secure Rural Schools and Community Self-Determination Act of 2000
Public Law 106-393

Title II Project Application
COOS BAY DISTRICT
Resource Advisory Committee

1. Project Number (Assigned by federal unit): _____

2. Project Name: Implementation and Effectiveness Monitoring	3. County: Douglas
4. Project Sponsor: Umpqua Basin Watershed Council	5. Date: May 23, 2002
6. Sponsor's Phone Number: (541) 673-5756	
7. Sponsors E-mail: ngeyer@rosenet.net	

8. Project Location (attach project area map)

- a. 4th Field Watershed Name and HUC #(if known): N/A
- b. 5th Field Watershed Name and HUC #(if known): N/A
- c. Legal Location: Township T18-T33S Range R6.5-R13W Section(s) All
- d. BLM Districts: Medford, Roseburg, and Coos Bay
- e. BLM Resource Areas: Glendale, South Douglas, Butte Falls, Myrtlewood, Tyee, Mount Scott, Tioga, Swiftwater, and Umpqua.
- f. National Forest
- g. Forest Service District
- h. State / Private / Other lands involved? ☒ Yes No

9. Statement of Project Goals and Objectives:

Project Goal:

To evaluate the success of fish habitat and water quality restoration efforts in the Umpqua Basin through an implementation and effectiveness monitoring program that incorporates volunteers from the community.

Project Objectives:

By the end of this project's first phase, we will:

- 1. Develop a document outlining the Umpqua Basin Watershed Council's (UBWC) implementation monitoring schedule for 2003 - 2004, our implementation and effectiveness monitoring objectives for each project type, and the appropriate protocols to use for each objective;
- 2. Create the necessary forms to collect, record, and analyze data;
- 3. Identify sources for volunteer monitors and determine what training, if any, is needed for these volunteers to accurately and efficiently collect and analyze data about fish habitat and water quality; and
- 4. Complete all monitoring slated for the 2003 and 2004 field seasons and begin effectiveness monitoring in 2004.

10. Project Description: (Provide concise description of project and attach map.)

Under the supervision of the UBWC's Technical Advisory Committee, a University of Oregon Resource Assistance for Rural Environments (RARE) participant will work with UBWC staff to

Title II Project Application
COOS BAY DISTRICT
Resource Advisory Committee

complete the project outlined below:

1. Implementation monitoring

From the UBWC's project records, OWEB standards, and EPA standards, the RARE participant will identify projects that require monitoring, develop monitoring objectives, and determine the most appropriate monitoring method for each objective and the necessary equipment. The participant will also identify sources for volunteer monitors, as well as the number of volunteers needed, current training levels, and any additional training needed. Finally, the participant will develop a by-monthly monitoring schedule for 2003-2004.

2. Protocols and record keeping

Using the ODEQ, other agencies, and other watershed councils/non-profits as sources, the RARE participant will identify the most appropriate monitoring protocols for the UBWC project monitoring needs, and revise these protocols to be suitable for the UBWC's monitoring objectives and for volunteer workers. The participant will determine appropriate quality control/quality assurance methods. Finally, the participant will develop the forms necessary to record findings for each protocol, volunteer effort, and volunteer training activity.

3. Effectiveness monitoring

Using the effectiveness monitoring systems established by the Coos Watershed Council and the work of researches and consultants, the RARE participant will research possible methods for the UBWC to approach project effectiveness monitoring. The participant will then use these sources to develop a effectiveness monitoring approach that is appropriate for the UBWC's goals and objectives.

4. Field monitoring

During the 2003 and 2004 monitoring field seasons, the UBWC will continue its implementation monitoring for projects completed by the council since 1998. The UBWC staff will begin effectiveness monitoring during the 2004 field season. The RARE participant will assist with implementation monitoring as time permits. UBWC staff will conduct additional monitoring.

Secure Rural Schools and Community Self-Determination Act of 2000
Public Law 106-393

Title II Project Application
COOS BAY DISTRICT
Resource Advisory Committee

11. Coordination of this project with other related project(s) on adjacent lands?

☒ Yes No **If yes, then describe** The monitoring program developed from this project will be mostly compatible with monitoring objectives and methods used on federal lands.

12. How does proposed project meet purposes of the Legislation? [Sec. 203(b)(1)]

Improves maintenance of existing infrastructure. [Sec. 2(b)]

☒ Implements stewardship objectives that enhance forest ecosystems. [Sec. 2(b)]

Restores and improves land health. [Sec. 2(b)]

Restores water quality. [Sec. 2(b)]

13. Project Type (check one) [Sec. 203(b)(1)]

Road Maintenance [Sec. 2(b)(2)(A)]

Trail Maintenance [Sec. 2(b)(2)(A)]

Road Decommission/Obliteration [Sec. 2(b)(2)(A)]

Trail Obliteration [Sec. 2(b)(2)(A)]

Other Infrastructure Maintenance (specify): [Sec. 2(b)(2)(A)]

Soil Productivity Improvement [Sec. 2(b)(2)(B)]

Forest Health Improvement [Sec. 2(b)(2)(C)]

Watershed Restoration & Mntc. [Sec. 2(b)(2)(D)]

Wildlife Habitat Restoration [Sec. 2(b)(2)(E)]

Fish Habitat Restoration [Sec. 2(b)(2)(E)]

Control of Noxious Weeds [Sec. 2(b)(2)(F)]

Reestablish Native Species [Sec. 2(b)(2)(G)]

☒ Other Project Type (specify) [Sec. 2(b)(2)]: Monitoring

14. Measure of Project Accomplishments/Expected Outcomes [Sec. 203(b)(5)]

a. Total Acres: 3 million

b. Total Miles: N/A

c. No. Structures: N/A

d. Est. People Reached (for environmental education projects): We expect to have identified and started training at least 50 volunteer monitor candidates by the end of 2003.

e. No. Laborer Days: N/A

f. Other (specify): For the first phase of this project, the primary outcomes are the UBWC's implementation and effectiveness monitoring program document, forms for collecting data, and successful 2003 and 2004 monitoring seasons.

15. Duration of Project and Estimated Completion Date: [Sec. 203(b)(2)]

Assuming the project begins in October 30, 2002:

Implementation monitoring strategy:

Complete by Feb. 2003

Protocols and forms:

Complete by April 2003

Volunteer identification and assessment:

Complete by Sept. 2003

Effectiveness monitoring strategy:

Complete by Dec. 2003

2003 project implementation monitoring:

Complete by Dec. 2003

2004 project implementation and effectiveness monitoring:

Complete by Dec. 2004

**Title II Project Application
COOS BAY DISTRICT
Resource Advisory Committee**

16. Target Species Benefited: (if applicable) N/A

17. How will cooperative relationships among people that use federal lands be improved? [Sec. 2(b)(3)]

A monitoring system that incorporates volunteers will improve the cooperative relationships among federal land users in two ways. First, many groups and organizations in the Umpqua Basin have invested time and money into fish habitat and water quality improvement projects that benefit both public and private lands. In many cases, the success of these projects is unclear or unknown. Concrete evidence of success and practical suggestions for project improvement will encourage greater community involvement in fish habitat and water quality restoration. Second, by incorporating community volunteers into project monitoring, citizens from diverse backgrounds will learn about fish habitat and water quality conditions in the basin while working together towards a common objective.

18. How is this project in the best public interest? [Sec. 203(b)(7)] **Identify benefits to communities.**

The Oregon Watershed Enhancement Board, Title II, and other state and federal agencies have all invested money into fish habitat and water quality enhancement in the Umpqua Basin. The UBWC's volunteer-based monitoring strategy will identify the types of projects that have the greatest positive impact for the cost. Investing public funds in projects with the greatest likelihood of success is the best approach to improving native fish populations and providing clean water for all citizens.

19. How does project benefit federal lands/resources?

The UBWC has worked cooperatively with the BLM and Forest Service on federal land-based projects. A well-designed implementation and effectiveness monitoring program will help the UBWC and our federal partners determine the most successful methods of restoring fish habitat and water quality. Identifying effective methods for watershed restoration will help federal land managers determine the most practical uses of federal resources.

20. Status of Project Planning (NOT APPLICABLE FOR THIS PROJECT)

a. NEPA Complete:

If no, give est. date of completion:

c. NMFS Sec. 7 ESA Consultation Complete:

d. USFWS Sec. 7 ESA Consultation Complete:

e. Survey & Manage Complete:

f. DSL/ODFW* Permits for In-stream Work Obtained:

g. DSL/COE* 404 Fill/Removal Permit Obtained:

h. SHPO* Concurrence Received:

i. Project Design(s) Completed:

* DSL = Dept. of State Lands, ODFW = Oregon Dept. of Fish and Wildlife, COE = Army Corps of Engineers, SHPO = State Historic Preservation Officer

Title II Project Application
COOS BAY DISTRICT
Resource Advisory Committee

21. Proposed Method(s) of Accomplishment

Contract

Federal Workforce

County Workforce

Volunteers

☒ Other (specify): UBWC staff will work with a University of Oregon RARE participant to develop all aspects of this project. The UBWC's Technical Advisory Committee will evaluate all stages of the project's development.

22. Will the Project Generate Merchantable Materials? [Sec. 204(e)(3)]

Yes

☒ No

23. Anticipated Project Costs [Sec. 203(b)(3)]

a. Total County Title II Funds Requested:

\$30,000 total:

\$10,000 from the Coos Bay BLM RAC,

\$10,000 from the Roseburg BLM RAC, and

\$10,000 from the USFS Pacific Southwest RAC.

b. Is this a multi-year funding request? ☒ Yes No If yes, then display by fiscal year

c. FY02 Request:

f. FY05 Request:

The yearly cost of continuing the proposed
monitoring program will be determined after this
initial phase.

d. FY03 Request:

g. FY06 Request:

e. FY04 Request:

**Secure Rural Schools and Community Self-Determination Act of 2000
Public Law 106-393**

**Title II Project Application
COOS BAY DISTRICT
Resource Advisory Committee**

Table 1. Project Cost Analysis

Item	<i>Column A</i> Fed. Agency Appropriated Contribution [Sec. 203(b)(4)]	<i>Column B</i> Requested County Title II Contribution [Sec. 203(b)(4)]	<i>Column C</i> Other Contributions [Sec. 203(b)(4)]	<i>Column D</i> Total Available Funds
24. Project Development				
25. Contracting				
26. Monitoring		Monitoring		\$30,000
27. Overhead		\$10,000 – Coos Bay BLM RAC		
		\$10,000 – Roseburg BLM RAC		
		\$10,000 – USFS Pacific SW RAC		
28. Total Cost Estimate		\$30,000		\$30,000

29. Identify Source(s) of Other Funding for Project Identified Above [Sec. 203(b)(4)]

30. Monitoring Plan [Sec. 203(b)(6)]

- a. What measures or evaluations will be made to determine how well the proposed project meets the desired ecological conditions?** [Sec. 203(b)(6)] **Who will be responsible for this monitoring item?**

This project is to develop a volunteer-based implementation and effectiveness monitoring program for the UBWC. The UBWC's Technical Advisory Committee will evaluate the integrity of the proposed monitoring plan.

- b. How will the project be evaluated to determine how well the proposed project contributes towards local employment and/or training opportunities, including summer youth jobs**

**Title II Project Application
COOS BAY DISTRICT
Resource Advisory Committee**

programs such as the Youth Conservation Corps? [Sec. 203(b)(6)] Who will be responsible for this monitoring item?

A primary goal of this project is to provide training to community-based volunteers so they can effectively conduct monitoring programs. Groups like the Oregon Natural Resources Research Institute (ONRRI) and Oregon State University Extension will assist with training sessions. The UBWC Technical Advisory Committee will insure that volunteer training is done appropriately.

- c. What methods and measures of evaluation will be established to determine how well the proposed project improves the use of, or added value to, any products removed from federal lands consistent with the purposes of this Act? [Sec. 203(b)(6) and Sec. 204(e)(3)] Who will be responsible for this monitoring item?**

N/A

- d. Identify total funding needed to carry out specified monitoring tasks (Table 1, item 33)**
Amount: \$30,000 – Please see *Table 1*.